

20030818.qrp v03_n016.qrl.20030818

Date: Mon, 18 Aug 2003 19:03:04 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3016

QRP-L Digest 3016

Topics covered in this issue include:

- 1) [156446] Fox - Summer Fox Hunt Teams Results.
by Bruce Rattray <rattray@gpfn.sk.ca>
- 2) [156447] OT: Need book/schematic for Tempo VHF-1 2 meter radio
by "Jim Sheldon" <w0eb@cox.net>
- 3) [156448] Norcal BLT band coverage ?
by Rick McKee <kc8aon@juno.com>
- 4) [156449] Help with HW-8 Mod ID
by John Paul Howell <howelljp@erols.com>
- 5) [156450] Re: Circuit Board Material
by Robert Baxter <rbaxter@cybertrails.com>
- 6) [156451] Stockton meter circuit & nominal success
by "Nils R. Young" <nilsbull@juno.com>
- 7) [156452] Re: Norcal BLT band coverage ?
by "Doug Hendricks" <ki6ds@dpol.net>
- 8) [156453] Re: W8DIZ Frequency Reference
by "steve" <swells244@bellsouth.net>
- 9) [156454] help needed
by "John" <jdorson@worldshare.net>
- 10) [156455] PIC Tutorial?
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
- 11) [156456] Re: Circuit Board Material
by KD5NWA <KD5NWA@cbayona.com>
- 12) [156457] Re: Help with HW-8 Mod ID
by "john gabbard" <johngabbard@usintouch.com>
- 13) [156458] Re: Crystal Radios
by "John Sielke" <jsielke@pobox.com>
- 14) [156459] Re: help needed
by M Taylor <mctylr@privacy.nb.ca>
- 15) [156460] Re: RF ground connexion
by Monty N5ESE <n5ese@io.com>
- 16) [156461] Re: Norcal BLT band coverage ?
by "pschweit" <pschweit@mninter.net>
- 17) [156462] BPL Submission - A bit long...
by "Mike Majority" <n4vbw@earthlink.net>
- 18) [156463] Filing BPL Comments with the FCC- Easy
by "Tom Crawford" <TMCsail@sbcglobal.net>
- 19) [156464] Re: 1/4 inch shaft extensions

- by Tom Severt <n2uhc@yahoo.com>
- 20) [156465] The secret lives of electrolytics
by Jeff Furman <jfurman@ocs.net>
- 21) [156466] Geomagnetic Activity
by Ken Brown <hfbeacons@juno.com>
- 22) [156467] Re: Filing BPL Comments with the FCC- Easy
by "Charles Mabbott" <aa8vs@msn.com>
- 23) [156468] RE: Circuit Board Material
by "Jim Sheldon" <w0eb@cox.net>
- 24) [156469] help needed
by "John" <jdorson@worldshare.net>
- 25) [156470] 17 metres receiver
by "Leon Heller" <leon_heller@hotmail.com>
- 26) [156471] Re: help needed
by Bruce Muscolino <w6toy@erols.com>
- 27) [156472] Interesting story...
by Rob Matherly <w0jrm@arrl.net>
- 28) [156473] Re: Filing BPL Comments with the FCC- Easy
by "John_K7FD" <john_k7fd@cablespeed.com>
- 29) [156474] AZ ScQRPion Class-E transmitter in the Homebrewer
by w5jh@swlink.net
- 30) [156475] Re: Norcal BLT on 160 ?
by "Noyce, Bill" <william.noyce@hp.com>
- 31) [156476] Re: Cellular phone antenna
by "Mike Yetsko" <myetsko@insydesw.com>
- 32) [156477] A neat little hand crank generator..
by "Mike Yetsko" <myetsko@insydesw.com>
- 33) [156478] Re: Interesting story...
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
- 34) [156479] Re: 1/4 inch shaft extensions
by Steven Weber <kd1jv@moose.ncia.net>
- 35) [156480] BPL
by Bruce Rattray <rattray@gpfn.sk.ca>
- 36) [156481] RE: Filing BPL Comments with the FCC- Easy
by "Lyle Johnson" <wa7gxd@fidalgo.net>
- 37) [156482] Re: help needed
by "Bob Tellefsen" <n6wg@earthlink.net>
- 38) [156483] Re: AZ ScQRPion Class-E transmitter in the Homebrewer
by "Glen Leinweber" <leinwebe@mcmail.cis.mcmaster.ca>
- 39) [156484] Re: [ham] RE: Circuit Board Material
by KD5NWA <KD5NWA@cbayona.com>
- 40) [156485] Re: 1/4 inch shaft extensions
by "Doug Hendricks" <ki6ds@dpol.net>
- 41) [156486] Re: Experimenter DDS Signal Generator
by Jim Giammanco <giamman@rouge.phys.lsu.edu>
- 42) [156487] NoGAGuppy
by "John Sielke" <jsielke@pobox.com>
- 43) [156488] Re: Experimenter DDS Signal Generator

- by "Trevor Jacobs" <kg6cyn@softhome.net>
- 44) [156489] Re: Experimenter DDS Signal Generator
by Jim Giammanco <giamman@rouge.phys.lsu.edu>
- 45) [156490] for sale or trade for Qrp
by "James Crofutt" <crokcc@comcast.net>
- 46) [156491] FOX: N1FN LOT FOR 8/10/03
by "Marshall Emm" <mgemm@mttechnologies.com>
- 47) [156492] Re: AZ ScQRPion Class-E transmitter in the Homebrewer
by Steve Smith <sigcom@juno.com>
- 48) [156493] Alaska QRP Club - Alaska Fox Hunt
by Jim Larsen <JimLarsen2002@alaska.net>
- 49) [156494] NEQRP SSB NET TOMORROW(Tuesday) 7:30PM EDST on 7.2885Mhz +- 5Khz
by "Ron Pfeiffer" <n1zsw@hotmail.com>
- 50) [156495] FCC also accepting BPL comments via email, worldwide !
by "Bill, N4QA" <n4qa@hotmail.com>
- 51) [156496] The World QRP Exchange open
by "Oleg V. Borodin" <master72@lipetsk.ru>
- 52) [156497] 1/4" shaft extensions
by "Doug Hendricks" <ki6ds@dpol.net>
- 53) [156498] Omni D and stuff PRICE REDUCED
by "George Osier" <gosier@twcnny.rr.com>
- 54) [156499] 830 sold
by "James Crofutt" <crokcc@comcast.net>
- 55) [156500] Re: [Elecraft] Alaska QRP Club - Alaska Fox Hunt
by "George, W5YR" <w5yr@att.net>
- 56) [156501] AZ ScQRPions Class E transmitter kit - ordering
by "Bob Hightower" <nk7m@extremezone.com>
- 57) [156502] Simple SSB rig
by Steven Weber <kd1jv@moose.ncia.net>
- 58) [156503] Re: FCC also accepting BPL comments via email, worldwide !
by "Tony Fishpool" <tonyg4wif@btconnect.com>
- 59) [156504] Re: Filing BPL Comments with the FCC- Easy
by Peter Burbank <peterlee@qx.net>
- 60) [156505] Re: 1/4" shaft extensions
by "Tom Dufresne" <tdufres@hotmail.com>
- 61) [156506] Fwd: Aurora Surprise
by Ed Tanton <n4xy@earthlink.net>

Date: Sun, 17 Aug 2003 16:35:30 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [156446] Fox - Summer Fox Hunt Teams Results.
Message-ID: <Pine.LNX.4.33.0308171632260.3489-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The Final Hunt - #20 - N1FN -

The Cajun Thunder - 62

Wayne - K5E0A *
Vern - AA50 * Clean
Wayne - N5YFC * Sweep
Jim - N5IB *
Mike - VA6MJT *

The Cheeseheads - 0

Jerry - N9AW
Rick - NK9G
Jim - WA9TZE
Gary - W9XT
and one more.

The NE-TX Tornados - 84

Lew - N5ZE *
Joe - KK5NA * Clean
Wayne - W5KDJ * Sweep
Doc - W5TB *
George - W5YR *

...congratulations to the Teams for another successful Summer Fox
Hunt...see you all for the next Winter Fox Hunt...have a great summer!

...any corrections, please e-mail me direct...72 - Bruce (VE5RC+VE5QRP)

Date: Sun, 17 Aug 2003 17:50:53 -0500
From: "Jim Sheldon" <w0eb@cox.net>
To: "Four States QRP Group" <4sqrp@mailman.qth.net>,
"Flying Pigs Mailing List" <fpqrp-l@mpna.com>,
Subject: [156447] OT: Need book/schematic for Tempo VHF-1 2 meter radio
Message-ID: <IBEGLCMLCDHHEFLBPHBOGEHICNAA.w0eb@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone out there have the book for a Tempo VHF-1, 2 meter radio? Would be willing to pay for copying or borrow and copy with return. Please reply off list to keep BW down.

Jim Sheldon, W0EB w0eb@cox.net

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.510 / Virus Database: 307 - Release Date: 8/14/2003

Date: Sun, 17 Aug 2003 18:56:52 -0400

From: Rick McKee <kc8aon@juno.com>

To: fpqrp-l@mpna.com, qrp-l@Lehigh.EDU

Subject: [156448] Norcal BLT band coverage ?

Message-ID: <20030817.185658.3646.3.kc8aon@juno.com>

To all those BLT users,

What bands does the Norcal BLT cover ? And how much power will it handle safely ? What antennas does it work with best ?

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl

SW 40+, Norcal Cascade, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters

RX

QRP-L #2112, FPqrp #33, AR QRP AmQRP

I'll give up CW when I'm dead ! MAYBE !

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Date: 17 Aug 2003 19:08:52 -0400

From: John Paul Howell <howelljp@erols.com>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [156449] Help with HW-8 Mod ID

Message-ID: <1061161733.2718.10.camel@localhost.localdomain>

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Mime-Version: 1.0

I have come into the possession of an HW-8, but no manual. I have found lots of information on the net about the HW-8, but this particular rig has 3 RCA jacks going across the back panel, with a coax cable jumper going between the one closest to the power connector and the middle RCA jack.

Does anybody have information about what type of modification this might be?

73 es 72 de AA3WI

--
+-----+
| John Paul Howell |
| howelljp@erols.com |
+-----+

Date: Sun, 17 Aug 2003 16:20:32 -0700
From: Robert Baxter <rbaxter@cybertrails.com>
To: unlisted-recipients:; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156450] Re: Circuit Board Material
Message-ID: <3F400DC0.8020508@cybertrails.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

NR5A wrote:

> Getting ready to make a order to Mouser, thought I'd get a sheet of double
> sided copper circuit board but darned if I can find any in their catalog.
> I've searched on there online catalog and my hard copy. I really didn't want
> to have to make 2 or 3 orders to several places to get what I want. Oh well,
> does anyone know if Mouser has it??
>
> Ok, where is a good place to get the stuff? I use it to make my cabinets for
> projects alot, and Rat Shack wants 4 bucks just for a lil piece.

Check out Electronic Goldmine online catalog--they've got pretty good
prices on it.
<http://www.goldmine-elec.com/>

Bob Baxter AA7EQ
Bisbee, Az.

Date: Sun, 17 Aug 2003 19:18:43 -0400
From: "Nils R. Young" <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [156451] Stockton meter circuit & nominal success
Message-ID: <20030817.191848.-390309.1.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Well, I managed to do this meter building thing without melting the front of the meter or losing all the parts or a bunch of other nasty things that could have happened to me on the Group W bench.

Here's the deal: I came across a CB cross-needle wattmeter (Workman HP202S) what was pretty good if I wanted to watch the needles bounce between 26 and 30 MHz. It had one of those chunk of copper clad type RF bridges that I have used a hundred times but which are always more trouble 'n they're worth 'cause they're frequency-sensitive.

So I took that out.

Then I moved one of the S0239 connectors next to the other one & started mounting parts. It actually came out pretty logical. Well, as logical as I could get on strong coffee, a shot of amaretto & a pecan sticky-bun for breakfast. I think I took a nap in there somewhere. Or else I went to the meat market or something.

Anyway, after I got it hosed up, not only was the meter calibrated right without having to fiddle with the six little pots on the meter calibration/switch board, but it actually worked pretty good. Pretty well. It worked pretty well.

But . . . there were one-each 1uF across the bypass for the DC lines going to the meter. I left them off my version & found out why they was in there: it makes the meter hang a little when the RF comes and goes. Which keeps 'em needles from slappin' around too much if'n I use that there beepy-ditty-bop Morse key thingie.

And it actually worked pretty well on 6m, as far as SWR & meter sensitivity & calibration goes. I even tried it on 2m & was only stalled by the fact I ain't got a VHF dummy load (other 'n the 2m antennas in the attic). I've got another one of these meters (supposedly for 6m, 2m & 70cm) that I may actually look at. It has one of those chunk of copper

clad like the 't'other'n but I think it works ok for my needs as it is.

Another learning experience.

73

Nils

Nils R. Bull Young -- W8IJN -- La Estancia de los Guajolotes Sonrientes
-- <http://w8ijn.tripod.com> -- <http://members.fortunecity.com/nilsbull>
--

"If you can see this, thank a trilobite!"

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Date: Sun, 17 Aug 2003 16:51:39 -0700
From: "Doug Hendricks" <ki6ds@dpol.net>
To: <qrp-1@Lehigh.EDU>
Subject: [156452] Re: Norcal BLT band coverage ?
Message-ID: <003d01c3651a\$805deca0\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rick all of those questions are answered in the BLT manual which is online
at www.AmQRP.org . But, to answer your questions:

1. 10 - 40, but you may have to adjust feed line length on some bands.
2. At least 10 W.
3. In the unmodified version, balanced feedline antennas. But if you add a SPDT switch and another BNC, it will take Balanced, unbalanced and long wires.

Hope that answers your questions. 72, Doug

Date: Sun, 17 Aug 2003 20:10:26 -0400
From: "steve" <swells244@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [156453] Re: W8DIZ Frequency Reference

Message-ID: <000b01c3651d\$200a2aa0\$0b5e1244@steve01n1535x6>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well got mine yesterday .Built it today ,fired it up only 3 hz.off on a calibrated counter.The only thing I added was a dip socket.I held the tco in place with a little flux,whoever had that idea THANKS made soldering a lot simpler.Good job Diz.

Steve
KG4JNL

Date: Sun, 17 Aug 2003 21:00:42 -0400
From: "John" <jdorson@worldshare.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [156454] help needed
Message-ID: <003801c36524\$29cf37e0\$c39a8b41@ATHOME>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi to all.

I need some help in getting a reciprocal (I think that's how you spell it) license.

My wife and I are going on a second honeymoon next year to a private island in the eastern Caribbean. The name of the island is Petit St. Vincent which is south of the island of St. Vincent.

As I never considered having to get a reciprocal license before I guess I never paid attention to e-mails on the list regarding this subject. I would appreciate any help in pointing me in the right direction.

Thank You all

John K2JHU...
South Island Real Estate
jdorson@worldshare.net

Date: Sun, 17 Aug 2003 21:43:10 -0400
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
To: qrp-l@Lehigh.EDU
Subject: [156455] PIC Tutorial?
Message-ID: <3F3FF6EE.31876.223D413@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Did WB8RCR ever initiate the PIC tutorial series?

Henry

Date: Sun, 17 Aug 2003 20:59:50 -0500
From: KD5NWA <KD5NWA@cbayona.com>
To: nr5a@rap.midco.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156456] Re: Circuit Board Material
Message-ID: <5.2.0.9.0.20030817205456.00a8aa40@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Try here

<[http://www.mouser.com/index.cfm?
handler=search.listcategory&handler=search.listcategory&N=122870&Ne=300070](http://www.mouser.com/index.cfm?handler=search.listcategory&handler=search.listcategory&N=122870&Ne=300070)>

The following has really good prices, look at "copper clad" under categories, but there is a \$20.00 minimum order.

<<http://sales.goldmine-elec.com/Catlist.asp>>

At 02:09 PM 8/17/2003, NR5A wrote:

>Getting ready to make a order to Mouser, thought I'd get a sheet of double

>sided copper circuit board but darned if I can find any in their catalog.
>I've searched on there online catalog and my hard copy. I really didn't want
>to have to make 2 or 3 orders to several places to get what I want. Oh well,
>does anyone know if Mouser has it??
>
>Ok, where is a good place to get the stuff? I use it to make my cabinets for
>projects alot, and Rat Shack wants 4 bucks just for a lil piece.
>
>Thanks
>
>Jerry - NR5A - South Dakota

Cecil
KD5NWA

Date: Sun, 17 Aug 2003 19:00:09 -0700
From: "john gabbard" <johngabbard@usintouch.com>
To: <howelljp@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156457] Re: Help with HW-8 Mod ID
Message-ID: <002101c3652c\$74b5be20\$5c861c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Could it be an outboard IF filter?

----- Original Message -----

From: "John Paul Howell" <howelljp@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, August 17, 2003 4:08 PM
Subject: Help with HW-8 Mod ID

> I have come into the possession of an HW-8, but no manual. I have found
> lots of information on the net about the HW-8, but this particular rig
> has 3 RCA jacks going across the back panel, with a coax cable jumper
> going between the one closest to the power connector and the middle RCA
> jack.
>
> Does anybody have information about what type of modification this might
> be?
>
> 73 es 72 de AA3WI
>

> --
> +-----+
> | John Paul Howell |
> | howelljp@erols.com |
> +-----+
>
>
>

Date: Sun, 17 Aug 2003 22:07:31 -0400
From: "John Sielke" <jsielke@pobox.com>
To: qrp-l@Lehigh.EDU
Subject: [156458] Re: Crystal Radios
Message-ID: <3F3FFCA3.16671.70D0A25@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

> I missed the thread on crystal radios, and so I apologize if this
> information is repeated from a previous post. I wanted to pass along two
> sites that are great for beginners in that they advise about the pitfalls of
> poor circuits (like un-tapped inductors which will be loaded down and work
> poorly). A beginner who builds a radio that works well the first time out
> will be happier than someone whose radio doesn't receive well. The two best
> links with good crystal radio circuits are (IMHO):

Let me add the "Crystal Set Society" to that list. They even have some kits.

<http://www.midnightscience.com/>

John W2AGN

Date: Mon, 18 Aug 2003 03:11:55 +0100
From: M Taylor <mctylr@privacy.nb.ca>
To: John <jdorson@worldshare.net>
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [156459] Re: help needed
Message-ID: <20030818031155.B23487@pull.privacy.nb.ca>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Sun, Aug 17, 2003 at 09:00:42PM -0400, John wrote:

>
> I need some help in getting a reciprocal (I think that's how you spell it)
> license.
>
> My wife and I are going on a second honeymoon next year to a private island
> in the eastern Caribbean. The name of the island is Petit St. Vincent which
> is south of the island of St. Vincent.

<<http://www.arrl.org/FandES/field/regulations/io/#us>>

I don't know the politics of the area, but if it is part of St. Vincent (J8)
this might be what you need.

<http://www.arrl.org/FandES/field/regulations/io/ recip-info_p.html#j8>

Another useful site is OH2MCN Veke's on licensing.

<<http://www.qsl.net/oh2mcn/license.htm>>

-ve1mct

Date: Sun, 17 Aug 2003 21:29:09 -0500
From: Monty N5ESE <n5ese@io.com>
To: Lloyd Lachow <llachow@yahoo.com>, qrp-l@Lehigh.EDU
Subject: [156460] Re: RF ground connexion
Message-ID: <5.2.1.1.1.20030817211539.0188d718@webmail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:03 PM 8/17/2003 -0400, Lloyd K5ESE wrote:

> I want to try using an RF ground with my K1, and
> it's going to be two 16.5' and ywo 33' wires. Question
> is, do all four need to terminate right at the
> negative side of my rf connector on the rig, or could
> I solder all four to a single wire, and, if so, how
> long could that single wire be, and still be
> effective? TIA.

Lloyd, this is very similar to the counterpoise/radial system I use on my
K1 for portable ops. I have four 32 ft wires and two 16 ft wires connected
to common point, so that they can all lay on the ground, and a 30" wire
that comes up to the chassis/return on the K1. Works great. Electrically,
the 30" wire becomes part of the vertical radiator, with the feedpoint

offset slightly from ground (with very little effect on impedance, and none on radiation pattern). I've modeled this in EZNEC, and verified that that's how it works. For example, if you want a quarter-wave vertical, include the 30" in the length when calculating.

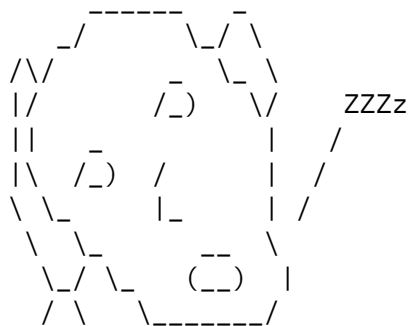
By the way, took my K1 out and threw up the 87 ft Inverted L into the elm trees this afternoon and had a hey-day of QSOs from McKinney Falls State Park in central Texas - from Maine to Montana to Florida and a bunch in between on 40/30/20/and even 15. That 30" wire to the radials sure didn't hurt anything today HI HI

73,
monty N5ESE

Notice, both Lloyd and I have the same last name - 'ESE'
;-)

'Not all Texans are crazy ... some are just plain LOCO ...'
(and you know the one I'm talking about ;-)

Monty Northrup, N5ESE (ex-N5FC)
Austin, Texas
e-mail: n5ese@io.com
web page (ham): <http://www.dit-dididit-dit.com>
web page (home): <http://www.io.com/~maddog>



Date: Sun, 17 Aug 2003 22:38:12 -0500
From: "pschweit" <pschweit@mninter.net>
To: "Doug Hendricks" <ki6ds@dpol.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [156461] Re: Norcal BLT band coverage ?
Message-ID: <001601c3653a\$287a0620\$b1e6add1@oemcomputer>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What modifications would be necessary if you wanted to use a BLT on 160?.

de KA0PGQ

Rob

----- Original Message -----

From: Doug Hendricks <ki6ds@dpol.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Sunday, August 17, 2003 6:51 PM

Subject: Re: Norcal BLT band coverage ?

> Rick all of those questions are answered in the BLT manual which is online
> at www.AmQRP.org . But, to answer your questions:
>
> 1. 10 - 40, but you may have to adjust feed line length on some bands.
> 2. At least 10 W.
> 3. In the unmodified version, balanced feedline antennas. But if you add
> a
> SPDT switch and another BNC, it will take Balanced, unbalanced and long
> wires.
>
> Hope that answers your questions. 72, Doug
>

Date: Sun, 17 Aug 2003 23:44:56 -0400
From: "Mike Majority" <n4vbv@earthlink.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [156462] BPL Submission - A bit long...
Message-ID: <410-22003811834456890@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

My BPL submission to the FCC, bounced back tonight (site down for maintenance), will resend tomorrow. Hope it gives folks some ideas...Plagerize all you want, I'd take it as a compliment. It'll go to elected officials also.

----- Tear Line-----

I'm writing to strongly object to Broadband Internet over Powerline (A.K.A.: BPL) implementation in its present form. While the High Frequency

(HF) spectrum will definitely be affected in the immediate area, HF propagation will allow this interference to affect large areas, possibly affecting communications outside the United States. HF users affected will be the Military, Government, Air Traffic Control, Amateur Radio Emergency Communications, Military Affiliate Radio Service (MARS) stations and Public Safety users in the VHF-Lo band, a definite detriment to public safety, especially when Homeland Security is considered. For a very clear example of how severe this interference actually radiates, please see the American Radio Relay League video (using NIST calibrated equipment to document the interference) at <http://www.arrl.org/tis/info/HTML/plc/>.

In addition, many American businesses manufacture and/or sell HF equipment, including transceivers, antennas, software, transmission systems, and tower equipment. A severe HF spectrum compromise such as BPL will cause many of these businesses to fold or at the least lose a large customer base due to drastically reduced consumer demand if BPL is implemented. This translates directly to lost jobs and possibly more Americans on the unemployment lines instead of working and paying taxes. These companies include: SGC Corporation in Bellevue, Washington; MFJ Enterprises in Starkville, Mississippi; Cushcraft Corporation in Manchester, New Hampshire; M2 Antenna Systems in Fresno, California; Alpha Delta Communications in Manchester, Kentucky; Ten-Tec Corporation in Sevierville, Tennessee; RF Parts in San Marcos, California; GAP Antenna Products in Fellsmere, Florida; Texas Towers in Plano, Texas; as well as VHF-Lo manufacturers Motorola, General Electric, and many others.

Some technical aspects:

- HF communication requires a transceiver and antenna at each end of the communications circuit. No intermediate equipment such as satellites, repeaters, etc. is required. BPL will compromise the critical backup link when these intermediate links fail again.

- As a military member, I have frequently used HF communications when other mediums have failed. This includes satellites and repeaters. HF was the only path to communicate. I am very much against compromising this reliable backup system by implementing BPL when my life and other military members' lives might be at stake. HF has allowed critical communications to be passed when other systems simply didn't work.

- While some power companies work very hard to eliminate interference to other licensed services, FCC enforcement letters clearly indicate that many do not. Adding BPL to the current interference problems will not help.

- The Amateur Radio Service voluntarily contributes at any time to protection of life and property when called upon. This is evidenced by the National Weather Service (NWS) installing an Amateur radio station at the National Hurricane Center in Florida. Amateur Radio also has a documented history of public service in disasters such as hurricanes, wildfires, earthquakes, snowstorms, tornados, floods, and chemical spills. Amateur Radio operators are so highly recognized by civil leaders that many nuclear power plants and local Emergency Operations Centers have incorporated

Amateur Radio into their disaster plans. These services are provided at no charge by highly skilled and trained "hams". This extremely valuable resource will be severely compromised by being unable to reliably and effectively utilize the HF spectrum if BPL is implemented. Homeland Security officials recognize Amateur Radio's contribution and have made Amateur Radio a vital link in Homeland Security.

For these reasons BPL should NOT be implemented in its present form. The future may hold technological improvements allowing its use, but the current excessive economic, interference, and public safety cost is too exponentially disastrous to calculate. Homeland Security is much too vital to risk compromising with a service that is already met by many other means and means and has demonstrated such extremely high interference to a vital National Resource (the HF Spectrum).

Mike, N4VBV in Sumter, SC

--- Mike Majority
--- n4vbv@earthlink.net
--- EarthLink: The #1 provider of the Real Internet.

Date: Mon, 18 Aug 2003 00:11:45 -0400
From: "Tom Crawford" <TMCsail@sbcglobal.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [156463] Filing BPL Comments with the FCC- Easy
Message-ID: <00ec01c3653e\$d6d44880\$6601a8c0@TOMDELL>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is another FCC web page which is very easy to use - the BPL docket just happens to be right on top! It's referred to as ECFS Express.
<http://gullfoss2.fcc.gov/ecfs/Upload/>

IMHO we shouldn't feel that our inability to articulate a document as professionally prepared as Richard's should keep us from submitting a comment.

Let your opening line simply say something like: I am not in favor of BPL. The technical reports of its interference with HF communication are too credible.

Radio communications are too vital in times of national emergency.

Please do this in the next couple of days!!

73
Tom
W3TMC

----- Original Message -----

From: "Richard Clem" <clem.law@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, August 14, 2003 11:01 PM
Subject: Filing BPL Comments with the FCC

> I encourage everyone to file comments with the FCC (they're due by
sometime
> next week) in opposition to BPL. Here's what I filed:
>
>
[http://gullfoss2.fcc.gov/prod/ecfs/retrieve.cgi?
native_or_pdf=pdf&id_document=6514582409](http://gullfoss2.fcc.gov/prod/ecfs/retrieve.cgi?native_or_pdf=pdf&id_document=6514582409)
>
> (This is a link to my comments in PDF format at the FCC website).

Date: Sun, 17 Aug 2003 21:44:42 -0700 (PDT)
From: Tom Severt <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [156464] Re: 1/4 inch shaft extensions
Message-ID: <20030818044442.50718.qmail@web9607.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Rick McKee <kc8aon@juno.com> wrote:
> Gang,
> Anyone on the list know of a source for the little
> shaft adapters that
> will screw directly onto the small variable
> capacitors like the ones used
> in AM/FM radios ?

What I did in the construction of my NJQRP sniffer kit
was to take a screw that fit the shaft and superglue
it into a small knob salvaged from an old CB. Screwed

it into the cap and it works great.

=====

Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Sun, 17 Aug 2003 22:15:48 -0700 (PDT)
From: Jeff Furman <jfurman@ocs.net>
To: Nick Kennedy <nkennedy@tcainet.net>, qrp-1@lehigh.edu
Subject: [156465] The secret lives of electrolytics
Message-ID: <Pine.LNX.4.21.0308172111580.5622-100000@ocs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Nick, I vaguely recall (as usual) a scheme for protecting polarized capacitors used back to back to use in non polarized circuits. Each capacitor needs to be shunted by a diode (probably rectifier type is okay) that is forward biased when its parallel capacitor starts to be reverse biased. I believe the crossover between the two capacitors is a region where the capacitance decreases to half of either capacitor (they're both equal) then increases as the opposite diode forward biases. This looks like a source of crossover distortion to me, (this starts to sound like a spice transient analysis simulation project) but it will prevent the deadly reverse bias of tantalums, especially. These guys get mad enough to explode if they have too much reverse bias, and overheat in a hermetic can. I don't know whether Al or newer organic-Al capacitors are as fussy. A tantalum is considered to be especially noteworthy if it is rated to withstand as much as 3V. reverse bias. The idea presented earlier in this thread about forward biasing both series caps using a relatively high value biasing resistor sounds good to me.

73, Jeff AD6MX

Date: Mon, 18 Aug 2003 01:02:54 PDT
From: Ken Brown <hfbeacons@juno.com>
To: qrp-1@Lehigh.EDU

Subject: [156466] Geomagnetic Activity
Message-ID: <20030819.030029.4375.2.HFBEACONS@juno.com>

The Australian IPS Radio service reports increased geomagnetic activity on August 18, due to a CME of unknown origin.

+++++

From: rwc <rwc@ips.gov.au>

+++++

IPS Radio and Space Services	email: asfc@ips.gov.au
PO Box 1386	WWW: http://www.ips.gov.au
Haymarket NSW 1240 AUSTRALIA	FTP: ftp://ftp.ips.gov.au
tel: +61 2 9213 8010	fax: +61 2 9213 8060

ips-geo-warning mailing list
ips-geo-warning@ips.gov.au
<http://www.ips.gov.au/mailman/listinfo/ips-geo-warning>

Ken Brown N4SO
Mobile, AL EM50tk
HFBEACONS@juno.com

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Mon, 18 Aug 2003 06:24:28 -0400
From: "Charles Mabbott" <aa8vs@msn.com>
To: TMCsail@sbcglobal.net, qrp-1@Lehigh.EDU
Subject: [156467] Re: Filing BPL Comments with the FCC- Easy
Message-ID: <BAY5-F10fQRSTcsQlhZ000351d1@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Page would not finish this morning, will try again later
Here is what I tried to send;

I would like to think this last week end with the power failure from MI to the east coast should show an example to folks that Amateur Communications have not lost their place in todays society. Amateurs gladly stepped in to help the police, fire, and hospitals in this communication emergency.

If enacted the BPL technology will all but wipe out this method of communication that still to this day provide a service to local communities

in there times of 'real' need.

Charles R. Mabbott Sr.
AA8VS

73
Chuck AA8VS

"Whoever said the pen is mightier than the sword obviously never encountered automatic weapons."

<http://68.43.100.7:81/aa8vs>

>From: "Tom Crawford" <TMCsail@sbcglobal.net>
>Reply-To: TMCsail@sbcglobal.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Filing BPL Comments with the FCC- Easy
>Date: Mon, 18 Aug 2003 00:11:45 -0400
>
>This is another FCC web page which is very easy to use - the BPL docket
>just
>happens to be right on top! It's refered to as ECFS Express.
><http://gullfoss2.fcc.gov/ecfs/Upload/>
>
>IMHO we shouldn't feel that our inability to articulate a document as
>professionally prepared as Richard's should keep us from submitting a
>comment.
>Let your opening line simply say something like: I am not in favor of BPL.
>The technical reports of its interference with HF communication are too
>credible.
>Radio communications are too vital in times of national emergency.
>
>Please do this in the next couple of days!!
>
>73
>Tom
>W3TMC

>
>----- Original Message -----
>From: "Richard Clem" <clem.law@usa.net>
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Sent: Thursday, August 14, 2003 11:01 PM
>Subject: Filing BPL Comments with the FCC
>
>
> > I encourage everyone to file comments with the FCC (they're due by
>sometime
> > next week) in opposition to BPL. Here's what I filed:
> >
> >
>[http://gullfoss2.fcc.gov/prod/ecfs/retrieve.cgi?
native_or_pdf=pdf&id_document=6514582409](http://gullfoss2.fcc.gov/prod/ecfs/retrieve.cgi?native_or_pdf=pdf&id_document=6514582409)
> >
> > (This is a link to my comments in PDF format at the FCC website).
>

Protect your PC - get McAfee.com VirusScan Online
<http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>

Date: Mon, 18 Aug 2003 06:09:26 -0500
From: "Jim Sheldon" <w0eb@cox.net>
To: <KD5NWA@cbayona.com>, "QRP-L Mailing List" <qrp-l@Lehigh.EDU>
Subject: [156468] RE: Circuit Board Material
Message-ID: <IBEGLCMLCDHHEFLBPHBOCEHJCNA.w0eb@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I just checked, and the minimum order is \$10.00 not \$20.00 as Cecil stated. That makes it a lot cheaper. 8 x 10 inch sheets of .026 for \$2.40 each is cheaper than I've found it anywhere. You'd have to order 5 sheets (\$12) to make the minimum unless you found something else there you "couldn't live without" like I usually do. -- usual disclaimer, no affiliation with the company, just buy a lot of stuff from them --

Jim, W0EB

The following has really good prices, look at "copper clad" under categories, but there is a \$20.00 minimum order.

<<http://sales.goldmine-elec.com/Catlist.asp>>

At 02:09 PM 8/17/2003, NR5A wrote:

>Getting ready to make a order to Mouser, thought I'd get a sheet of double
>sided copper circuit board but darned if I can find any in their catalog.
>I've searched on there online catalog and my hard copy. I really didn't
want
>to have to make 2 or 3 orders to several places to get what I want. Oh
well,
>does anyone know if Mouser has it??
>
>Ok, where is a good place to get the stuff? I use it to make my cabinets
for
>projects alot, and Rat Shack wants 4 bucks just for a lil piece.
>
>Thanks
>
>Jerry - NR5A - South Dakota

Cecil
KD5NWA

Incoming mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.510 / Virus Database: 307 - Release Date: 8/14/2003

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.510 / Virus Database: 307 - Release Date: 8/14/2003

Date: Mon, 18 Aug 2003 07:11:50 -0400
From: "John" <jdorson@worldshare.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [156469] help needed
Message-ID: <005101c36579\$8a04bb80\$fc9b8b41@ATHOME>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all who replied. I got some very good advice which I will begin to follow up with. I'll let the group know the results.

John K2JHU...

Hi to all.

I need some help in getting a reciprocal (I think that's how you spell it) license.

My wife and I are going on a second honeymoon next year to a private island in the eastern Caribbean. The name of the island is Petit St. Vincent which is south of the island of St. Vincent.

As I never considered having to get a reciprocal license before I guess I never paid attention to e-mails on the list regarding this subject. I would appreciate any help in pointing me in the right direction.

Thanks.

John K2JHU...

South Island Real Estate

jdorson@worldshare.net

Date: Mon, 18 Aug 2003 12:37:39 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power" <qrp-1@Lehigh.EDU>
Subject: [156470] 17 metres receiver
Message-ID: <Law15-DAV22qjuoR9vL00029a3b@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

To go with the little 60 mW 17 metres Tx I mentioned a few days ago, I've just built a simple receiver. It's a bit like the MRX-40, with an SA602 mixer/oscillator using an 18.1 MHz crystal, tuned with a varicap and pot. All the AF amplification is provided by a Philips TDA7052. It's quite sensitive, with a 1 uV input signal being audible.

73, Leon

--

Leon Heller, G1HSM

leon_heller@hotmail.com

http://www.geocities.com/leon_heller

Date: Mon, 18 Aug 2003 08:09:14 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: jdorson@worldshare.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [156471] Re: help needed
Message-ID: <3F40C1EA.7B9FFA19@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John,

The place to go is the island itself. They, ot more correctly, their government issue them. Go through your travel agent and carefully explain your needs to them. They can give you the right information.

Bruce

Date: Mon, 18 Aug 2003 08:30:50 -0500
From: Rob Matherly <w0jrm@arrl.net>
To: fpqrp-l@fpqrp.com, qrp-l@lehigh.edu
Subject: [156472] Interesting story...
Message-ID: <200308180830.50704.w0jrm@arrl.net>
Content-Type: text/plain;
 charset="us-ascii"
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable

<http://www.washingtonpost.com/ac2/wp-dyn/A7270-2003Aug17?language=3Dprint=er>

--=20

72/73/oo - Rob, w0jrm
FPQrp -330; QRPP-I #19; WATPK #1
"A learned fool writes his nonsense in better language than the unlearned, but still 'tis nonsense." Benjamin Franklin

Date: Mon, 18 Aug 2003 06:39:25 -0700
From: "John_K7FD" <john_k7fd@cablespeed.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [156473] Re: Filing BPL Comments with the FCC- Easy
Message-ID: <001001c3658e\$23e111e0\$3701a8c0@radiostudio>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hopefully their website will soon be up and running...my BPL post:

Hello; I wish to comment on Broadband over Power Line. Your efforts to bring the internet to all citizens are admirable...however, not at the expense of our nation's least costly ready pool of emergency communicators. Amateur Radio operators have a proven track record of public service when it is needed most...but that service requires an interference-free medium. While BPL promises additional internet access, it will equally put those areas using BPL in jeopardy, interfering with critical health and welfare radio communications during an emergency. In our nation's desire to get 'connected', let's not forget the basics that will keep us connected when all else fails. Your continued support of Amateur Radio is truly appreciated; please consider the interference ramifications and most certain hardship BPL will place upon our skilled Amateur Radio community. The well-being of those you serve may someday depend upon your decision today; thank you.

John Nicholson K7FD, 37 years of Amateur Radio service

> >----- Original Message -----
> >From: "Richard Clem" <clem.law@usa.net>
> >To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> >Sent: Thursday, August 14, 2003 11:01 PM
> >Subject: Filing BPL Comments with the FCC
> >
> >
> > > I encourage everyone to file comments with the FCC (they're due by
> >sometime
> > > next week) in opposition to BPL. Here's what I filed:
> > >
> > >
>
>http://gullfoss2.fcc.gov/prod/ecfs/retrieve.cgi?native_or_pdf=pdf&id_document=6514582409
> > >
> > > (This is a link to my comments in PDF format at the FCC website).
> >
>

> -----
> Protect your PC - get McAfee.com VirusScan Online
> <http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>
>
>

Date: Mon, 18 Aug 2003 07:02:12 -0700
From: w5jh@swlink.net
To: qrp-1@lehigh.edu
Subject: [156474] AZ ScQRPion Class-E transmitter in the Homebrewer
Message-ID: <200308181402.h7IE2Cd32242@newbambam.interwrx.com>

Folks,

I need to set the record straight. The first issue of the "Homebrewer" has an article about the AZ ScQRPion Class-E transmitter. The subtitle of the article (subtitle was added by the editor) mentions that you can achieve up to 95% efficiency. While some designers of Class-E transmitters have reported efficiencies as high as 95%, the AZ ScQRPions transmitter does not achieve that lofty figure. I have built one that measures 92%. Dan Tayloe (the other designer of the kit) has one which achieves 88%. I have found typical values for the kit are more like 80-85% - not bad for a pair of T092 devices. If we compare this Class-E design to the more common Class-C designs we see in most of our QRP equipment, the Class-E design wins hands down. Many of the Class-C designs struggle to achieve 50% efficiency! I believe that Class-E is the way of the future - especially for battery operated equipment. So, if you decide to build the little transmitter, you can expect 80-85%.

If you happen to get a really good pair of devices, maybe you will see 90%. Either way, it is a whole lot better than Class-C.

73, Jerry Haigwood W5JH

Date: Mon, 18 Aug 2003 10:15:10 -0400
From: "Noyce, Bill" <william.noyce@hp.com>
To: <qrp-1@Lehigh.EDU>
Subject: [156475] Re: Norcal BLT on 160 ?
Message-ID:
<6D6463F31027B14FB3B1FB094F2C74470347AFD0@tayexc17.americas.cpqcorp.net>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I can't speak to 160 meters, but I modified my BLT to work on 80 meters with a half-wave end-fed wire. I experimented with adding capacitance across each of the variable capacitors. I ended up adding 150 pF to one of them and 300 pF to the other -- sorry, I can't remember which was which. I placed a small DPDT center-off switch on the front panel where the LED would normally go, and used one position to switch in the extra caps. The other position is available for future needs... I moved the LED to a position above one of the variable caps. This is in the original case made of PCB material.

To get a decent range of tuning on 160 meters, you probably need to add a few turns to the toroid. If you wind tightly with the wire provided, there's probably room for a couple more turns. You'll still probably need to add capacitance too.

Check out the bottom of
<http://www.njqr.org/mbproj/zmatch_original.html>
for a 160-meter mod to a slightly different Z-match circuit.

-- Bill, AB1AV

Date: Mon, 18 Aug 2003 10:21:48 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <hfb Beacons@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156476] Re: Cellular phone antenna
Message-ID: <001e01c36594\$1cde4600\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>
> Does anyone make a loop-yagi or yagi
> cellular phone antenna?
> I live in a rural area with the nearest cell phone
> tower several miles away.
>
> Ken Brown N4SO

Well, it appears that I cannot find the replacement page for 'Everything Wireless'

But I did find one guy selling a cellular beam antenna.

<http://jl-company.com/Antenna/Yagi.html>

I know nothing about the guy...

Mike

Date: Mon, 18 Aug 2003 10:20:19 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156477] A neat little hand crank generator..
Message-ID: <001d01c36594\$1cb51320\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was browsing the net and ran into this neat little item. At first I thought it was a joke, but it's quite serious. It's a small handheld generator that attaches to a cell phone that you 'crank' to charge it.

<http://www.herringtoncatalog.com/es248.html>

Neat little accessory, and may have some interesting QRP implications...

Mike

Date: Mon, 18 Aug 2003 07:27:28 -0700
From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [156478] Re: Interesting story...
Message-ID: <7FD24C15A06DD511BF9E00D0B73E99520D734B69@az33exm05.corp.mot.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

It would seem that the simple solution would be to have police and public safety

folks begin to demand radios with better receiver specs such as IP3 and blocking dynamic range specs.

Sounds to me like a business opportunity for someone.....

- Dan, N7VE

>
> <<http://www.washingtonpost.com/ac2/wp-dyn/A7270-2003Aug17?language=printer>>
>
>--
>72/73/oo - Rob, w0jrm
>FPQrp -330; QRPp-I #19; WATPK #1
<"A learned fool writes his nonsense in better language than the
<unlearned, but still 'tis nonsense." Benjamin Franklin

Date: Mon, 18 Aug 2003 10:48:04 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: kc8aon@juno.com,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156479] Re: 1/4 inch shaft extensions
Message-ID: <3.0.6.32.20030818104804.007ca300@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

> Anyone on the list know of a source for the little shaft adapters that
>will screw directly onto the small variable capacitors like the ones used
>in AM/FM radios ? I have one of the little capacitors with an extension
>included and would like to find more of them.

I made some for my caps out of some 1/4 aluminum tubing. File or cut a slot in the bottom of the tube to go over the flats on the cap shaft. Then I used a center punch to put some dimples in the tubing for the head of the screw to set against. Works reasonably well.

>Stocton type forward / reflected power meter into it also. Has anyone
>ever used a switched inductor setup like the one I described ? If so,
>how well did it work ? Any frequency ranges that it didn't do so well ?
>Any ideas from you more technical type gurus ?
>

In one of the W1FB notebooks he has a tuner which uses several (4) inductors which are switched in parallel to reduce the inductance. He used coils wound on PVC tubing. Believe it was set up as an "L" tuner.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Mon, 18 Aug 2003 08:58:14 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [156480] BPL
Message-ID: <Pine.LNX.4.33.0308180854280.45-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I tried to file comments against BPL to the FCC but one of the required fields to be filled in is the STATE you live in...it does not allow Canadian areas...so sri, I tried... good luck in defeating BPL as I sure don't want to see it become a reality anywhere....I am not aware of anything happening in this regard in Canada but it's something to keep an eye on north of the border...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Mon, 18 Aug 2003 08:13:19 -0700
From: "Lyle Johnson" <wa7gxd@fidalgo.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156481] RE: Filing BPL Comments with the FCC- Easy
Message-ID: <NEBBKGGNGLGOHDJKFAPHEECFENAA.wa7gxd@fidalgo.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Three other points to consider when filing.

1) When you file you will be told to check within 24 hours to see if your filing made it. I tried a few hours later, it wasn't there, so I rewrote my

comment and re-filed.

Today I see both made it :-(

Moral: if you get a confirmation number, it made it, even if you have to wait more than 24 hours to see it.

2) Write your comment, wait overnight, then read it - then submit it. It is easy to get emotional about this issue, and it is not professional to let that show. Unfortunately, I didn't wait overnight. Sigh.

3) COMMENT! It is important.

Remember that the current window is for "reply comments." This is not to introduce new items, but to respond specifically to comments previously filed. This can be specific ("The American Power Association's comment number xyz refers to raising the limit.... here is why that is a bad idea and bad public policy: blah blah blah"). It can be general ("Many commenters have suggested...") It can be in support ("The ARRL has filed comments and I want to add my voice in support of their research, tests and position in this matter.")

Sorry for the bandwidth, I'm sure this topic will die down after the 20th.

72,

Lyle KK7P

Date: Mon, 18 Aug 2003 08:33:13 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [156482] Re: help needed
Message-ID: <MABBJOEABOILMKCJCLFC0EEHELAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John
Contact ARRL. They have all the info you need.
Enjoy your trip.
73, Bob N6WG

Date: Mon, 18 Aug 2003 12:38:33 -0400
From: "Glen Leinweber" <leinwebe@mcmaster.ca>
To: <w5jh@swlink.net>
Cc: "qrp-1" <qrp-1@lehigh.edu>
Subject: [156483] Re: AZ ScQRPion Class-E transmitter in the Homebrewer
Message-ID: <000a01c365a7\$2a21ae20\$07ea7182@mcmaster.ca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Jerry,

Have been fooling with class E circuits for awhile, but mostly on the lab bench - not so much into real tuners, transmission lines, and antennas.

I suspect that class-E may be fussy about load conditions. Any feedback you get about blown finals would be worthy of noting. Do finals fail from thermal overload? Or over-voltage spikes? Are zeners effective in protecting class-E finals? What SWR is acceptable to class-E finals? Actual user experience is vital in answering these kinda questions.

About efficiency,

Claims of over 90% apply ONLY to what's called "collector (or drain) efficiency". That tells a lot about power dissipation of the final amp, but not all. It doesn't include drive power.

Gain of class-E stages is considerably less than class-C. Stage efficiency includes power consumed in the input matching circuits, as well as the base-emitter (or gate-to-source) drive. Stage efficiency is always lower than those 90% figures. Mid 80% is doing quite well. And since more drive is required for class-E, driver stages before the final work harder, resulting in overall rig efficiency even lower. Drive stages are sometimes class-A, which really bites into power budget. Overall transmitter efficiency (RF power into load vs. DC power into rig) in the 70% ballpark is pretty good - a class-E final sure helps to get there.

Date: Mon, 18 Aug 2003 12:13:55 -0500
From: KD5NWA <KD5NWA@cbayona.com>
To: <w0eb@cox.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [156484] Re: [ham] RE: Circuit Board Material

Message-ID: <5.2.0.9.0.20030818121342.00a8ada0@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

They are going to hit you with an extra shipping fee if you don't get your order to \$20.00

At 06:09 AM 8/18/2003, Jim Sheldon wrote:

>I just checked, and the minimum order is \$10.00 not \$20.00 as Cecil stated.
>That makes it a lot cheaper. 8 x 10 inch sheets of .026 for \$2.40 each is
>cheaper than I've found it anywhere. You'd have to order 5 sheets (\$12) to
>make the minimum unless you found something else there you "couldn't live
>without" like I usually do. -- usual disclaimer, no affiliation with the
>company, just buy a lot of stuff from them --

>

>Jim, WOEB

>

>

>The following has really good prices, look at "copper clad" under
>categories, but there is a \$20.00 minimum order.

>

>

><<http://sales.goldmine-elec.com/Catlist.asp>>

>

>

>At 02:09 PM 8/17/2003, NR5A wrote:

> >Getting ready to make a order to Mouser, thought I'd get a sheet of double
> >sided copper circuit board but darned if I can find any in their catalog.
> >I've searched on there online catalog and my hard copy. I really didn't
>want

> >to have to make 2 or 3 orders to several places to get what I want. Oh
>well,

> >does anyone know if Mouser has it??

> >

> >Ok, where is a good place to get the stuff? I use it to make my cabinets
>for

> >projects alot, and Rat Shack wants 4 bucks just for a lil piece.

> >

> >Thanks

> >

> >Jerry - NR5A - South Dakota

>

>Cecil

>KD5NWA

>

>---

>Incoming mail is certified Virus Free.

>Checked by AVG anti-virus system (<http://www.grisoft.com>).
>Version: 6.0.510 / Virus Database: 307 - Release Date: 8/14/2003
>
>---
>Outgoing mail is certified Virus Free.
>Checked by AVG anti-virus system (<http://www.grisoft.com>).
>Version: 6.0.510 / Virus Database: 307 - Release Date: 8/14/2003

Cecil
KD5NWA

Date: Mon, 18 Aug 2003 10:24:09 -0700
From: "Doug Hendricks" <ki6ds@dpol.net>
To: <qrp-l@Lehigh.EDU>
Subject: [156485] Re: 1/4 inch shaft extensions
Message-ID: <005f01c365ad\$8886f780\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, I use a nylon bushing from mouser that is 1/4" x 3/8" with a 1/8" hole. Then I use a 2.6 x 12 mm Pan head screw to attach it, with a drop of super glue to keep it from turning. Have used this system on every BLT tuner that I have kitted. You get the metric hardware from Mouser. 72,
Doug

Date: Mon, 18 Aug 2003 12:28:13 -0500
From: Jim Giammanco <giamman@rouge.phys.lsu.edu>
To: kg6cyn@softhome.net, qrp-l@lehigh.edu
Subject: [156486] Re: Experimenter DDS Signal Generator
Message-ID: <3.0.1.32.20030818122813.008ad100@baton.phys.lsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A first draft of assembly instructions is now posted as a .PDF file at
<<http://www.qsl.net/n5ib>>

It's through the CPU and display assembly. I haven't started on the DDS board yet.

Unfortunately I'm having trouble making a PDF with Acrobat Distiller that includes the color photos. They all come out B&W.

73

Jim N5IB

Date: Mon, 18 Aug 2003 13:42:54 -0400
From: "John Sielke" <jsielke@pobox.com>
To: qrp-l@Lehigh.EDU
Subject: [156487] NoGAGuppy
Message-ID: <3F40D7DE.17867.C5B804@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Since the list is in "Review Mode."

Just finished and tested the North GA QRP Club's "NoGA Guppy"

It is a nifty little T/R RElay, with delay and muting for using a separate Rcvr and Transmitter. Works great with the AZQRP Transmitter and the DR30. (The AZQRP has muting built in, but the DR30 requires NC contacts. Also, there is an adjustable delay on the Guppy, so not "pops" and "clicks" when keying.).

I built it with a LOT of connectors on the box, i.e. both phono and BNC for ANT and RCV. Both phono and mini plug for key, etc. That way it also saves me digging for adapters, etc.

Check it out at <http://w2agn.net/access.html>

--

John L. Sielke
jsielke@pobox.com
<http://www.pobox.com/~jsielke>
"On'tday etlay ethay astardsbay earway ouyay ownday"

Date: Mon, 18 Aug 2003 10:54:23 -0700

From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: qrp-1@lehigh.edu, "Jim Giammanco" <giamman@rouge.phys.lsu.edu>
Subject: [156488] Re: Experimenter DDS Signal Generator
Message-ID: <001b01c365b1\$c25e42c0\$0f0b280a@etclink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim, that's a great manual! Thanks a bunch for your efforts!

73's Trev KG6CYN
<http://www.qsl.net/kg6cyn>
----- Original Message -----
From: "Jim Giammanco" <giamman@rouge.phys.lsu.edu>
To: <kg6cyn@softhome.net>; <qrp-1@lehigh.edu>
Sent: Monday, August 18, 2003 10:28 AM
Subject: Re: Experimenter DDS Signal Generator

> A first draft of assembly instructions is now posted as a .PDF file at
>
> <<http://www.qsl.net/n5ib>>
>
> It's through the CPU and display assembly. I haven't started on the DDS
> board yet.
>
> Unfortunately I'm having trouble making a PDF with Acrobat Distiller that
> includes the color photos. They all come out B&W.
>
> 73
> Jim N5IB
>
>
>
>
>

Date: Mon, 18 Aug 2003 13:10:39 -0500
From: Jim Giammanco <giamman@rouge.phys.lsu.edu>
To: qrp-1@Lehigh.EDU
Subject: [156489] Re: Experimenter DDS Signal Generator
Message-ID: <3F41169E.6D48C882@rouge.phys.lsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Color problem fixed. If you got an early B&W download, try again now at

<<http://www.qsl.net/n5ib>>

72

Jim N5IB

Date: Mon, 18 Aug 2003 13:26:36 -0500
From: "James Crofutt" <crokc@comcast.net>
To: <qrp-l@lehigh.edu>
Subject: [156490] for sale or trade for Qrp
Message-ID: <016501c365b6\$427fa260\$6401a8c0@Grumpy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a very nice Kenwood TS 830S that I would sell for \$350 shipped. or would trade for a mint OHR 500 with CW keyer. plus \$25 to help with the shipping. I have several other items like the Sp 230 speaker, a new in the box MC 50 base mic and a narrow 270 hz filter for the radio, I also have a very nice D104 base mic, I would trade the whole line for a nice 4 band k-1 with most of the options. I am interested in either an OHR or K-1 deal and it does not really matter which one I get first as I plan on getting both eventually. .

Thanks, 73 NOXE (Jim)

Date: Mon, 18 Aug 2003 12:39:43 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: QRP-L@lehigh.edu
Subject: [156491] FOX: N1FN LOT FOR 8/10/03
Message-ID: <3F40C90F.5703.572481@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Sorry for the delay, folks.

It was an interesting hunt-- Jim said he'd be a little above 060 so figured I'd go low, but at the start there were wall towall contest stations. So I went up to 064 and called for two minutes with no response, finally settle on 06019 and took it from there. Had to operate zero-beat and with narrow filter from the get-go, but most of you found me, obviously [g]. Two QSO's which were obviously guys in the contest, including what I think is my first KW fox qso.

Good fun-- hope everybody else had as much fun as I did, and I look forward to doing it again some time this winter.

Please advise any typos ASAP.

QRP-L 20M Foxhunt Log
N1FN (ET) 08/10/03

2203	WA8BXN	559	OH	MIKE	5W
2204	K5JHP	559	TX	BILL	5W
2205	N0WX	559	MN	MIKE	5W
2205	AF4LQ	559	KY	MIKE	5W
2206	W5YR	559	TX	GEORGE	5W
2207	W5TB	559	TX	DOC	5W
2207	K5SR	559	TX	DALE	5W
2208	KW4JS	559	TN	JOHN	5W
2208	K4MF	559	FL	GARY	5W
2209	AG4PJ	559	AL	DAVE	5W
2210	N5ZE				DUPE
2211	AA50	559	LA	VERN	5W
2212	W0EB	559	KS	JIM	5W
2212	N3BJ	559	VA	ALAN	5W
2212	K1WAY	559	NY	MIKE	5W
2214	N5YFC	559	WAYNE	LA	5W
2215	KK5NA	559	TX	JOE	5W
2216	K9UT				DUPE
2217	W5JAY	599	AR	JAY	1W
2218	W5KDJ	559	TX	WAYNE	750mW
2218	NV5D	559	TX	MARTIN	5W
2219	K5E0A	559	LA	WAYNE	5W
2220	AC7A	559	AZ	TOM	5W
2221	K0MAX	559	MN	MAX	5W
2222	N40N/M	559	VA	CURT	100W
2223	VE7HHH	599	BC	BLAIR	10W
2225	VE7SL	599	BC	STEVE	1W
2225	K0FRP	599	CO	AL	5W
2226	VA6MJT	599	AB	MIKE	5W
2227	K50I	599	OK	TIM	5W
2229	NN5E	559	TX	VERN	5W
2230	AF4PP	579	GA	CHUCK	5W
2233	N0EVH	559	MO	JOHN	1W

2234	K7TQ	559	ID	RANDY	100mW
2345	N5ZE	559	TX	LEW	5W
2335	KVTX	559	NY	TOM	5W
2237	N0JRN	559	MO	JERRY	5W
2238	AD6JV	559	VA	BILL	5W
2241	W6AZ	559	CA	RON	5W
2243	NK6A	559	CA	DON	5W
2244	AA7EQ	559	AZ	BOB	5W
2246	KG6WP	559	CA	HOWARD	5W
2247	K0EVZ	569	NM	DOC	4W
2252	K9IUA	559	IA	KEVIN	5W
2253	W8UE	555	MI	TED	5W
2254	N9NE	599	WI	TODD	100mW
2256	N5IB	559	LA	JIM	5W
2302	UA2FZ	599	RU	IGOR	1KW
2304	N5FFF	559	LA	WAYNE	5W
2309	W4NJK	559	CA	CHARLIE	5W
2310	N2WW	599	CO	LARRY	5W
2311	KB9YIG	559	IN	TONY	5W
2313	W0UFO	559	MN	MERT	5W
2314	K8KFJ	579	WV	GARY	5W
2319	N1TP	559	FL	TOM	5W
2321	K9UT	559	IN	JERRY	5W
2323	K2EKM	559	VA	BILL	5W
2330	N0UR	559	MN	FOX	5W
2330	N1FN	559	CO	FOX	5W

--

73

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

Morse Express and Oak Hills Research

"Everything for the Morse Enthusiast"

<http://www.MorseX.com>

<http://www.ohr.com>

(303)752-3382

--

Date: Mon, 18 Aug 2003 11:48:29 -0700

From: Steve Smith <sigcom@juno.com>

To: leinwebe@mcmail.cis.mcmaster.ca

Cc: qrp-1@Lehigh.EDU
Subject: [156492] Re: AZ ScQRPion Class-E transmitter in the Homebrewer
Message-ID: <20030818.114830.2580.0.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Glen,

I can vouch for Jerry's efficiency figures. I saw most, if not all of the 40 meter units built at Ft. Tuthill do over 80% and some as high as 85%. That's based upon total current, not just the P.A. and with only a little tweaking of the inductors. I wouldn't have believed the claim if I hadn't seen it with my own two squinty eyeballs. :-)

Now, if I could only get my 30 meter version up over 52% :-(.

73.....Steve Smith, WB6TNL
Oxnard, CA USA
"Snort Rosin"

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Mon, 18 Aug 2003 11:17:37 -0800
From: Jim Larsen <JimLarsen2002@alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>,
 elecraft <elecraft@mailman.qth.net>,
Subject: [156493] Alaska QRP Club - Alaska Fox Hunt
Message-ID: <3F412651.4020700@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

The Alaska QRP Club members were very enthusiastic about an Alaska Fox Hunt. The most likely month will be November although I am not sure of date or time.

My guess is that we will have more than six and less than 12 Alaska foxes on the air.

73, Jim
--
Jim Larsen, AL7FS
Anchorage, Alaska

<http://www.qsl.net/al7fs>

Subject: Thinking of activities for Alaska QRP Club - Alaska Fox Hunt

Greetings from Alaska,

I have been thinking of running a one time (at least to start) Alaska Fox Hunt on 20 meters. The plan is to enlist AK QRP Club members to operate a given 2 hour period with from one up to five or more Foxes spread from .050 to .065. We would use the same format of RST, S/P/C, power out. I have some ideas for awards for the top couple of contestants. Nothing major, but something fun and nice.

Date: Mon, 18 Aug 2003 15:59:34 -0400

From: "Ron Pfeiffer" <n1zsw@hotmail.com>

To: neqrp@jonal.net

Cc: qrp-1@Lehigh.EDU

Subject: [156494] NEQRP SSB NET TOMORROW(Tuesday) 7:30PM EDST on 7.2885Mhz +- 5Khz

Message-ID: <Law9-F11Aedn2AG1U1t0003d89e@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Last weeks check-is were:

AB8DF	Ed	Waterford, MI	43
WA10HR	Ev	Windom, CT	59
KC1FB	Jim	Norwalk, CT	59
AJ1J	Joe	Newton, MA	59
NA1XX	Mike	N. Weymouth, MA	58
WB3GCK	Craig	SE PA	45
K1RC	John	Dracut, MA	59
K1CL	Chuck	Chelmsford, MA	net op

Thanks again Chuck (K1CL) for filling in for me as net control.

Join us again tomorrow night, Tuesday at 7:30PM EDST on 7.2885Mhz +- 5Khz

Protect your PC - get McAfee.com VirusScan Online

<http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>

Date: Mon, 18 Aug 2003 16:15:34 -0400

From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [156495] FCC also accepting BPL comments via email, worldwide !
Message-ID: <BAY1-F107Qzfud7bqV00000e8fb@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The United States Federal Communications Commission is accepting email comments on Docket 03-104, Broadband Over Power Line(BPL), worldwide.

Please visit the link below for instructions on how to do this.

<http://www.fcc.gov/cgb/ecfs/email.html>

Note:

Even though the example forms suggest giving a USA address, email comments from anywhere in the world are being accepted.

Thank you and 73.
Bill, N4QA

73.
Bill, N4QA
<http://www.n4qa.com>

The new MSN 8: advanced junk mail protection and 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Mon, 18 Aug 2003 23:42:00 +0400
From: "Oleg V. Borodin" <master72@lipetsk.ru>
To: "G-QRP" <qrp@yahoogroups.com>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [156496] The World QRP Exchange open
Message-ID: <001701c365c5\$32ed96e0\$efe722c3@OLEG.lipetsk.ru>

MIME-Version: 1.0
Content-Type: text/plain;
 charset="koi8-r"
Content-Transfer-Encoding: 7bit

Dear QRP Friends!

At RU-QRP Club Web page (link below) created a new page "The World QRP Exchange" for _FREE_ exchange of components, equipments, instruments, literatures, any items interested for QRPers between QRPers of the World. For add the announcements for QRP Exchange send a message to master72@lipetsk.ru and the address to contact with you.
Let's help each other!
<http://ruqrp.narod.ru/exchange.htm>

Wish you all the best!
--- In QRP We Trust :-)
72! de RV3GM Oleg V. Borodin
RU-QRP Club <http://ruqrp.narod.ru>

Date: Mon, 18 Aug 2003 13:25:28 -0700
From: "Doug Hendricks" <ki6ds@dpol.net>
To: <qrp-l@Lehigh.EDU>
Subject: [156497] 1/4" shaft extensions
Message-ID: <000d01c365c6\$dd19ee60\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oh, I forgot to mention that I stole the idea from Dave Gauding, Lee Johnson, Matt Kastigar, Andy Becker, Keith Arnes, and the rest of the notables of the St. Louis QRP Club. They developed it when they did the St. Louis Tuner. Looked great to me, worked well, and of course I stole it for the BLT. If you go to the AmQRP.org web page and look at the manual for the BLT, you will see what I am talking about.

72, Doug,

P.S. I am officially back at school today. My students are not happy with the homework assignment (20 pages of reading, 20 questions due tomorrow). But I always tell them that they pay me to teach, and let's get started.

Date: Mon, 18 Aug 2003 16:28:37 -0400
From: "George Osier" <gosier@twcnny.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [156498] Omni D and stuff PRICE REDUCED
Message-ID: <001201c365c7\$4e02a7c0\$74883a18@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Price reduced to \$300.00 because of a Argosy 2 found :)

Hi !!!

Ten tec Omni D , 160 - 10 meters , 100 watts in MINT condx with

Model 280 power supply in EX condx

and

Model 1150 Over voltage protector NEW

\$350 and I ship

Date: Mon, 18 Aug 2003 15:31:57 -0500
From: "James Crofutt" <crokc@comcast.net>
To: <qrp-l@lehigh.edu>
Subject: [156499] 830 sold
Message-ID: <002d01c365c7\$c523f070\$6401a8c0@Grumpy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all for the response on the TS 830, it looks like it is sold.
73 Jim (N0XE)

Date: Mon, 18 Aug 2003 15:34:34 -0500
From: "George, W5YR" <w5yr@att.net>

To: "Jim Larsen" <JimLarsen2002@alaska.net>, <qrp-1@lehigh.edu>,
"elecraft" <elecraft@mailman.qth.net>
Subject: [156500] Re: [Elecraft] Alaska QRP Club - Alaska Fox Hunt
Message-ID: <007e01c365c8\$237d1390\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim, count the old "Yellow Rose" in for such a party. I am fairly certain
that most of the other NE-TX Tornado team members would also participate.

Sounds like a tough two hours, though!

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<mailto:w5yr@att.net>

----- Original Message -----

From: "Jim Larsen" <JimLarsen2002@alaska.net>
To: <qrp-1@lehigh.edu>; "elecraft" <elecraft@mailman.qth.net>; "AKQRP List"
<jimlarsen2002@alaska.net>
Sent: Monday, August 18, 2003 2:17 PM
Subject: [Elecraft] Alaska QRP Club - Alaska Fox Hunt

> The Alaska QRP Club members were very enthusiastic about an Alaska Fox
Hunt.
> The most likely month will be November although I am not sure of date or
time.
>
> My guess is that we will have more than six and less than 12 Alaska foxes
on
> the air.
>
> 73, Jim
> --
> Jim Larsen, AL7FS
> Anchorage, Alaska

Date: Mon, 18 Aug 2003 13:40:15 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: <qrp-l@lehigh.edu>
Subject: [156501] AZ ScQRPions Class E transmitter kit - ordering
Message-ID: <000401c365c8\$eed42150\$139e8c40@Bobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

The last issue of Homebrewer gave erroneous information on ordering this kit. Please send all orders to:

JERRY W HAIGWOOD
6926 W Charter Oak Road
PEORIA AZ 85381

Or to w5jh@arrl.net

Thanks,
Bob NK7M

Date: Mon, 18 Aug 2003 17:30:35 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [156502] Simple SSB rig
Message-ID: <3.0.6.32.20030818173035.007cde00@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I updated the schematic again for the simple SSB rig on the web page. Few minor changes here and there, this is still a work in progress. Also added a VFO circuit. The rig sounds pretty good talking between dummy loads, time to try it on the air and see what happens, grin.

<<http://www.qsl.net/kd1jv/SSB.HTM>>

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Mon, 18 Aug 2003 23:07:01 +0100
From: "Tony Fishpool" <tonyg4wif@btconnect.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156503] Re: FCC also accepting BPL comments via email, worldwide !
Message-ID: <00b701c365d5\$0e180340\$4345fea9@bt126228>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Well I tried to have a well phrased chunter at the FCC but they don't seem to like foreign addresses.

Any clues anyone?

Kind regards
Tony - G4WIF

->Invalid Proceeding Docket 03-104

->Invalid State Kent, England

->Invalid Zip Code DA1 3NF

> Note:
> Even though the example forms suggest giving a USA address, email comments
> from anywhere in the world are being accepted.
>
> Thank you and 73.
> Bill, N4QA

Date: Mon, 18 Aug 2003 18:26:40 -0400
From: Peter Burbank <peterlee@qx.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156504] Re: Filing BPL Comments with the FCC- Easy
Message-ID: <5.2.0.9.0.20030818181947.00a0e6d0@mail.qx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I tried filing on this site as it is now "Monsday" (their spelling).
Got an error msg for some unknown reason....no verification # or similar.
Any body have any luck with this site?

These people are in the communications field?????????????
Enlighten me please
Pete NV4V

At 12:11 AM 8/18/2003, Tom Crawford wrote:

>This is another FCC web page which is very easy to use - the BPL docket just
>happens to be right on top! It's referred to as ECFS Express.

><http://gullfoss2.fcc.gov/ecfs/Upload/>

>

>IMHO we shouldn't feel that our inability to articulate a document as
>professionally prepared as Richard's should keep us from submitting a
>comment.

>Let your opening line simply say something like: I am not in favor of BPL.

>The technical reports of its interference with HF communication are too
>credible.

>Radio communications are too vital in times of national emergency.

>

>Please do this in the next couple of days!!

>

>73

>Tom

>W3TMC

>

>----- Original Message -----

>From: "Richard Clem" <clem.law@usa.net>

>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

>Sent: Thursday, August 14, 2003 11:01 PM

>Subject: Filing BPL Comments with the FCC

>

>

> > I encourage everyone to file comments with the FCC (they're due by
>sometime

> > next week) in opposition to BPL. Here's what I filed:

> >

> >

>[http://gullfoss2.fcc.gov/prod/ecfs/retrieve.cgi?
native_or_pdf=pdf&id_document=6514582409](http://gullfoss2.fcc.gov/prod/ecfs/retrieve.cgi?native_or_pdf=pdf&id_document=6514582409)

> >

> > (This is a link to my comments in PDF format at the FCC website).

Date: Mon, 18 Aug 2003 22:31:31 +0000

From: "Tom Dufresne" <tdufres@hotmail.com>

To: ki6ds@dpol.net, qrp-l@Lehigh.EDU
Subject: [156505] Re: 1/4" shaft extensions
Message-ID: <BAY1-F158eLYCT4aJ6p0000719a@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>P.S. I am officially back at school today. My students are not happy with
>the homework assignment (20 pages of reading, 20 questions due tomorrow).
>But I always tell them that they pay me to teach, and let's get started.

Doug:

I teach too, and my students always gripe when I keep them the first day for
the whole hour and 20 minutes. I tell them that I have LOTS of great
subjects and just can't wait to start.

Makes me feel better but, oddly, it doesn't seem to make them any more
appreciative. Hmmm
(sigh) Oh well, college kids... Go figure....

Tom

MSN 8 with e-mail virus protection service: 2 months FREE*
<http://join.msn.com/?page=features/virus>

Date: Mon, 18 Aug 2003 18:32:31 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: qrp-L Reflector <qrp-l@lehigh.edu>, noga <nogaqrp@mailman.qth.net>
Subject: [156506] Fwd: Aurora Surprise
Message-ID: <5.2.1.1.2.20030818183143.02b38ac0@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>Date: Mon, 18 Aug 2003 15:18:55 -0500
>Subject: Aurora Surprise
>To: SpaceWeather.com <swlist@spaceweather.com>
>From: SpaceWeather.com <swlist@spaceweather.com>
>
>
>Space Weather News for August 18, 2003
><http://spaceweather.com>
>
>AURORA SURPRISE: A strong-to-severe geomagnetic storm surprised North
>American sky watchers on Monday morning, August 18th. Auroras were sighted

>as far south as southern California. The storm is still in progress,
>although it is subsiding. Visit spaceweather.com for updates.
>
>THE BLACKOUT FROM SPACE: US Air Force Defense Meteorological Satellite
>Program images captured during last week's major power outage show how
>different Canada and the United States look when the lights go out.
>
>Visit SpaceWeather.com to view photos of both last week's blackout and
>this morning's auroras.
>
>---

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

End of QRP-L Digest 3016

